

# The Bluebell Standard

Newsletter of the Bluebell Railway Standard Class 2 Project

Issue 13 Spring 2012

## Locomotive Report

In this, the thirteen issue of our newsletter for supporters of the project, we can report that the successful alignment and welding of the hind extension section to the donor frames from 78059 was completed in December, marking the arrival of 84030. Work commenced immediately to insert and secure hind stretchers bridging the weld, including the hind pony truck pivot and spring bracket stretcher, the bolt holes for which are being reamed below.



Reaming holes for fitted bolts

Attention was then focussed on preparing the newly completed front drag-box and original truck centre for insertion.



Lifting in the front box complete with truck centre

The very slight curvature of the front section of the frame plates, thought to have been caused when the original drag-box and buffer beam were damaged at Barry, did not in the event present a problem. The front buffer beam, the front drag-box and platform supports were bolted together without

difficulty in readiness for riveting. The front buffers were trial fitted and bolt lengths determined and finished to size.



Trial fitting the front buffers

Our stay in the Loco' Workshop was, as expected, curtailed by the higher priority of other work and on 19<sup>th</sup> February the completed frames were lifted and put onto the leading and training coupled wheel sets.



Frames in readiness for lifting onto wheel sets

84030 then made its first journey into the shed alongside the workshop where it will remain on view until space is available for a hot riveting session and the other work pending to complete the frames.



Leaving the Workshop on 19<sup>th</sup> February 2012

## Other Work

Cleaning and painting of the third wheel set has commenced and continues as and when weather permits.



Starting to paint the third wheel set

The main steam manifold has been inspected, the mounting face machined to remove defects and all faces fitted with protective covers.



Fitting covers to the main steam manifold

Machining of the front tank support brackets has been completed and these are ready for fitting. The rear tank support girders complete with reversing gear mounting on the LH one may be seen of the image on the first page and machining of the brake shaft bracket castings is under way.

Enquiries have been issued for the return crank rod ball bearings and a drawing obtained detailing the bearing covers.

This is in preparation for machining the rods themselves. Stock bearings have proved to be available at very high prices and as we are not short of time, it is likely they will be made to order at a much more competitive rate.



Forgings for the return crank rods

The Sheffield Park Pattern Shop is well under way with making a pattern for the hind pony truck centre cradle and material has been purchased for making mounting boards for the pony truck frame pattern. The frame drawing has been completed.

The Injector Mounting Bracket have been fabricated and drilled in readiness for mounting on the frames.

We are preparing to check the integrity of the front pony truck frame casting following the discovery of a number of drawings detailing modifications. There are as yet no reasons to suppose that 84030 will need these. We have started to inspect and refurbish other related components in readiness for re-assembling the front truck. Some purchases will be necessary.

## Fund-raising

We set up our stall at the Toy and Collectors' Fair at Horsted Keynes in April. This raises funds and gives the public the opportunity to see what we are doing. Our thanks are due to those who give us books and other items to sell. We would like to thank Barry Jones in particular for his generosity and interest in the Project and to others on the Railway who are good enough to allocate funds from events.

We are glad to welcome two additions to the Thursday team. Thanks are due to all the working volunteers, some of whom come a long way to help, to workshop staff and to those on other projects, particularly from the Atlantic and Sir Archibald Sinclair groups, for their willing help and advice.

We are particularly grateful to all our regular and occasional donors, to whom this newsletter is really addressed, and to those who help in so many ways in support of our publicity and fund raising efforts.